

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) An electric transfer light emitting polymer that emits light when an electric field is applied thereto, wherein a chlorine content (Cl) and a sum total (ΣM) of metal elements included in the polymer satisfy equation 1:

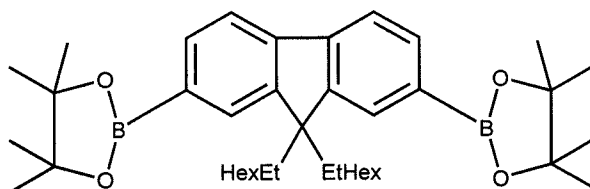
$$\Sigma M < Cl \quad \dots (1),$$

wherein the metal elements comprise at least one of sodium, nickel and palladium,

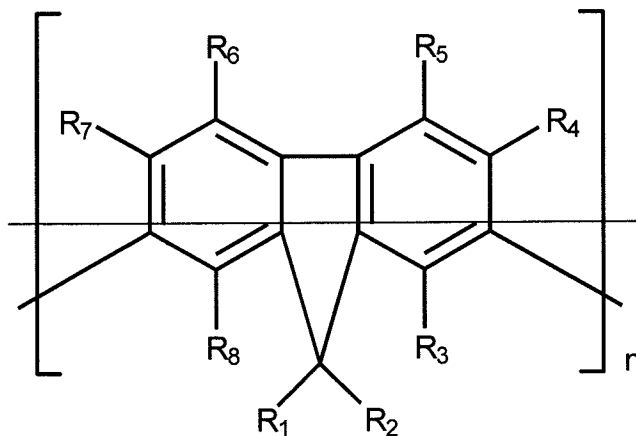
wherein the chlorine content is 50 ppm or less,

wherein the polymer is a poly(9,9-diethylhexyl)fluorene that is end-capped with di(p-tolyl)-4-bromophenylamine, and

wherein the polymer comprises one or more units of a fluorene copolymer having the following structure as shown in Chemical Formula 1,



Chemical formula 1



~~wherein n is an integer not smaller than 1, R₁ and R₂, each independently comprise at least one selected from a hydrogen atom, an alkyl group, an alkenyl group, an alkynyl group, an aralkyl group, an aryl group, a hetero aryl group, an alkoxy group, an aryloxy group and an aliphatic heterocyclic group, and R₃ to R₈, are independently a hydrogen atom or an alkyl group.~~

2.-4. (Canceled).

5. (Currently Amended) An organic electroluminescence element having on a substrate a first electrode layer, a light emitting layer having an electric transfer light emitting polymer that emits light when an electric field is applied thereto and a second electrode layer in this order, wherein in the light emitting layer, a chlorine content (Cl) and a sum total (ΣM) of metal elements included in the electric transfer light emitting polymer satisfy a relation of equation 2:

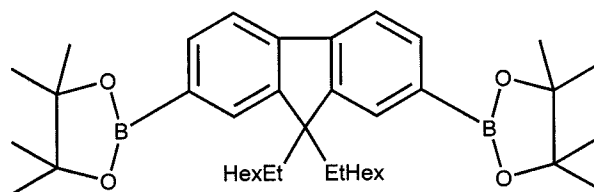
$$\Sigma M < Cl \dots (2),$$

wherein the metal elements comprise at least one of sodium, nickel and palladium,

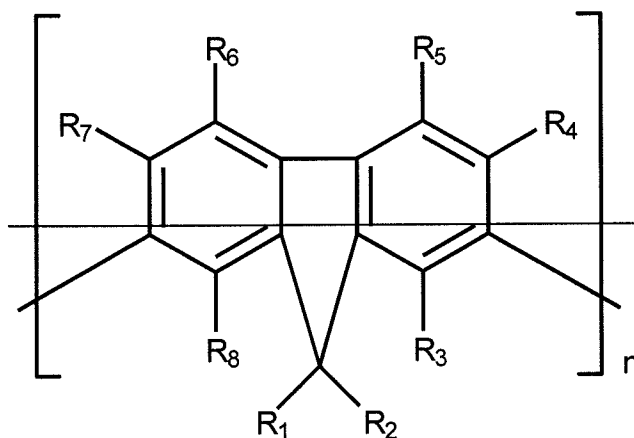
wherein the chlorine content is 50 ppm or less,

wherein the polymer is a poly(9,9-diethylhexyl)fluorene that is end-capped with di(p-tolyl)-4-bromophenylamine, and

wherein the polymer comprises one or more units of a fluorene copolymer having the following structure as shown in Chemical Formula 1,



Chemical formula 1



wherein n is an integer not smaller than 1, R_1 and R_2 , each independently comprise at least one selected from a hydrogen atom, an alkyl group, an alkenyl group, an alkynyl group, an aralkyl group, an aryl group, a hetero aryl group, an alkoxy group, an aryloxy group and an aliphatic heterocyclic group, and R_3 to R_8 are independently a hydrogen atom or an alkyl group.

6.-16. (Canceled).